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		x				x											0					4.2.2. Tactic: Increase staff expertise in survey statistics, survey operations, statistical software, new technologies, and survey management through trainings and other development O X O D X
		Х			0	х											0					4.2.1.Tactic: Provide technical support for the program through hiring staff highly qualified in survey and mathematical statistics disciplines, and maintain peer-accepted external consultants .
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	o	0	0				0				О				0		х			o	2.1.1. Tactic: Create clear and concise baseline requirements for data collection, statistical estimation, access, and information management, and for providing measures of precision and sources of bias in: data collection; statistical estimation; access and information management; and measures of precision and sources of bias.		x		C	o			
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0		0							0	0		1		"			0		<u> </u>	1.1.2. Tactic: Identify customer needs at intervals of not more than five years, in conjunction with	 ^ 	+ +		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
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5.2. Strategy: Effectively and regularly communicate MRIP resource needs and priorities to NOAA Fisheries leadership, partners, and stakeholders.	5.1. Strategy: Identify and maintain a prioritized inventory of essential program needs, ncluding means to establish consistent, equitable, and cost-effective priorities across regions.	and priorities by enabling regional identification of data needs, preferred methods, and priorities. 3.3. Strategy: Assess feasibility and costs/benefits of expanding regional implementation of data collection and data management: field work by states and off-site telephone/mail/internet survey work, survey management, frame maintenance, estimation, and QA/QC done by Regional Implementation Teams (e.g., FINs and ad-hoc teams like the Western Pacific Fishery Data Collection and Research Committee).	partners and key stakeholders in deliberations on program design, management, and mplementation. 5.2. Strategy: Create and maintain an inventory of, and support meeting, partner data needs	developed for program use.	 1.2. Strategy: Build and utilize expertise in survey design and estimation among staff, partners, and independent expert consultants. 1.3. Strategy: Maintain best practices and best available survey and estimation methods 	rethods will address independent review recommendations, known sources of bias, and in development methods will address independent review recommendations, known sources of bias, and specific needs, and will incorporate state-of-the-art developments in survey design, and in data collection and management.	3.7. Strategy: Continually assess and evaluate the effectiveness of MRIP communications efforts and outcomes, and adjust the communications plan as necessary.	3.6. Strategy: Expand the breadth of communications strategies and tools to meet customer needs.	outreach and education materialsand into the way information is communicated. 3.5. Strategy: Use the new MRIP website as a key component of education and outreach.	characteristics and requirements for surveys and the properties and limitations of catch and affort statistics.	3.2. Strategy: Focus communication and education efforts on the key stakeholders most likely o pass information on to others and influence internal and external decision-makers.	3.1. Strategy: Provide communications and outreach products that meet partner and itakeholder needs.	2.4. Strategy: Ensure long-term continuity of comparable statistics as new surveys are mplemented over time.	2.3. Strategy: Ensure complete transparency and stakeholder access for methods, standards, and controls.	2.2. Strategy: Establish, maintain, and continuously improve an internal control program to provide quality assurance and quality control for survey data and statistics.	2.1. Strategy: In consultation with partners and expert consultants, develop comprehensive baseline national survey and data requirements and processes for reviewing and certifying survey designs to ensure data comparability, interoperability, and usefulness; provide data that neet regional needs; and periodically review and revise established baseline requirements.	L.3. Strategy: Work with customers to evaluate feasibility and costs of meeting their various needs.	2. Strategy: Improve customer satisfaction.	1.1. Understand the customers: be certain that MRIP has identified its data customers, the manner in which they use MRIP-derived statistics, and their prioritized needs.	The Hoshin X Matrix is a strategic planning tool that is used to ensure alignment among overall goals, strategies, tactics, and outcomes. It is also valuable for tracking progress and promoting accountability. The Xs and Os on the matrix indicate a correlation between corresponding rows and columns. An X indicates there is a direct correlation, while an O indicates an indirect or supporting correlation.	2. Outcome: Established baseline requirements are met. 1. Outcome: Customers report that their needs (estimate products, timeliness, precisions, coverage, etc.) are met.	3. Outcome: The general level of understanding/awareness of MRIP methods and properties/ use limitations of estimates among customers and stakeholders is increased over time.	with a minimum level of associated scientific uncertainty. 1.1 Outcome: Survey designs in use and desired by partners are certified.	5.1 Outcome: Regional partner needs and priorities are fully documented.1.2 Outcome: Statistics produced from MRIP surveys are accepted for use in stock assessments	5.2 Outcome: State and regional partners are fully engaged with MRIP in the program and are willing to undertake data collection and estimation tasks, and to invest partner resources.	5.2 Outcome: All high-priority program funding needs area met to the extent practicable. 5.1 Outcome: NOAA and state/regional partner leadership are aware of program's value and essources needs and priorities.
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o							х	х	x	x	х	х		0						3. Goal: Inform our Key Stakeholders - Strengthen two-way communications with partners and stakeholders to improve their knowledge of the properties and use limitations of catch statistics, and to build confidence in the data.		х				0
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0		х х	Х		0		0	0	C	0		0	_			0	0	0		regional, and national partners for cost effective and responsive recreational data collection and catch estimation.	0		0 0	Х	Х	0
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